



# Alex Solar

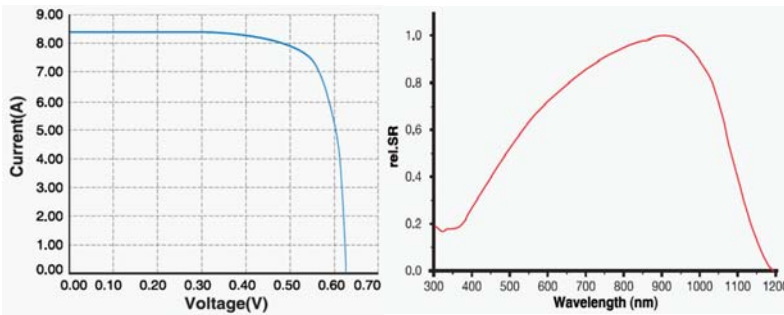
## Polycrystalline Solar Cell ALC-156P

### Electrical Characteristics

NO.	Efficiency(%)	Pmpp(w)	Vmpp(v)	Impp(A)*	Voc(V)	Isc(A)	FF(%)
1	17.00-17.20(a)	4.15	0.523	7.921	0.627	8.436	79.09
2	17.00-17.20(b)	4.13	0.522	7.892	0.625	8.421	79.07
3	16.80-17.00(a)	4.11	0.521	7.881	0.623	8.361	79.03
4	16.80-17.00(b)	4.10	0.52	7.827	0.622	8.303	79.01
5	16.60-16.80(a)	4.06	0.519	7.83	0.621	8.314	78.94
6	16.60-16.80(b)	4.05	0.517	7.771	0.619	8.249	78.93
7	16.40-16.60(a)	4.02	0.516	7.782	0.616	8.268	78.86
8	16.40-16.60(b)	4.01	0.515	7.715	0.615	8.196	78.78
9	16.20-16.40(a)	3.97	0.514	7.728	0.614	8.213	78.71
10	16.20-16.40(b)	3.96	0.514	7.663	0.613	8.143	78.65
11	16.00-16.20(a)	3.92	0.511	7.680	0.611	8.168	77.71
12	16.00-16.20(b)	3.91	0.510	7.605	0.611	8.085	77.64

" \* " Solar cells are sorted by Impp and Pmpp

### Technical Curve



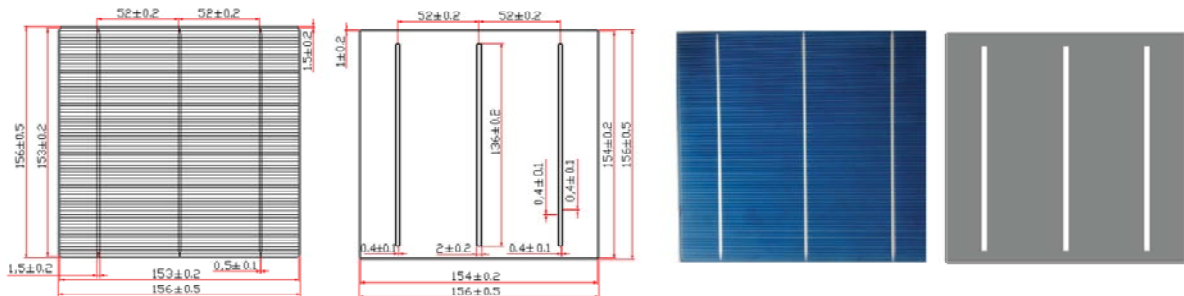
### Mechanical Data And Design

Format	156mm×156mm±0.5mm
Thickness	200um±20um and 180um±15um
Front(-)	1.5mm bus bars(silver) blue anti-reflection coating(silicon nitride)
Back(+)	2mm wide soldering pads(silver) back surface field(aluminium)

### Temperature Coefficients

Voc.Temp.coef.%/K	-0.348
Isc.Temp.coef.%/K	+0.04
Pm.Temp.coef.%/K	-0.0372

### Dimensions



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